

Recombinant Human SLK 293 Cell Lysate

Cat. No. SLK-1681HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for STE20-like kinase (yeast) (SLK) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SLK STE20-like kinase [*Homo sapiens*]

Official Symbol

SLK

Synonyms

SLK; STE20-like kinase; SNF1 (sucrose nonfermenting, yeast, homolog) like kinase, SNF1 sucrose nonfermenting like kinase (yeast) , STE20 like kinase (yeast); STE20-like serine/threonine-protein kinase; KIAA0204; se20 9; STK2; hSLK; STE20-related kinase; Long Ste20-like Kinase; CTCL tumor antigen se20-9; serine/threonine-protein kinase 2; Ste20-related serine/threonine kinase; SNF1 sucrose nonfermenting like kinase; STE20-related serine/threonine-protein kinase; SNF1 (sucrose nonfermenting, yeast, homolog)-like kinase, SNF1 sucrose nonfermenting like kinase; LOSK; se20-9; bA16H23.1; MGC133067;

Gene ID

9748

mRNA Refseq

NM_014720

Protein Refseq

NP_055535

UniProt ID

Q9H2G2

Chromosome Location

10q25.1

Pathway

Oocyte meiosis, organism-specific biosystem; Oocyte meiosis, conserved biosystem;

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Function

ATP binding; DNA binding; nuclease activity; nucleotide binding; protein homodimerization activity; protein serine/threonine kinase activity;

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